PROCESSOR AND METHOD FOR IMAGE PROCESSING

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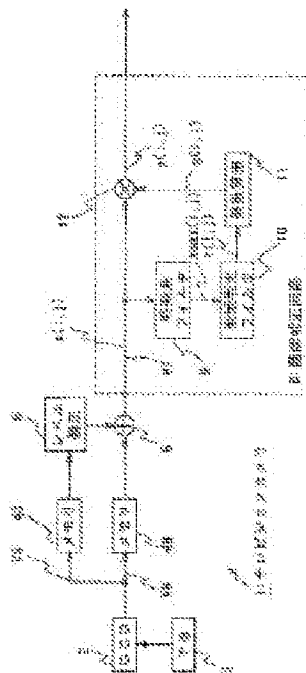**Priority number(s):** JP19980327785 19981118

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Abstract of **JP 2000152264　(A)**

PROBLEM TO BE SOLVED: To correct gradations by avoiding partial deterioration in contrast by deciding the area that image data belong to according to the feature quantities of respective pixels and correcting the pixel values of the image data according to a correction coefficient. SOLUTION: A feature quantity filter 9 detects and outputs feature quantities as to respective pixel values x(i,j) by using an image pickup result VT. An area decision filter 10 decides the area that the input image data belong to based on the detected feature quantities xmax(i,j) and outputs the decision result. A coefficient calculating circuit 11 generates contrast correction coefficients g(i,j) from a specific coefficient calculation function corresponding to the signal levels of low-frequency components r(i,j).; Further, a multiplying circuit 12 multiplies the pixel values x(i,j) by the generated contrast correction coefficients g(i,j) to correct the signal level of the image pickup result VT by the contrast correction coefficients g(i,j) and output the result.

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